

Listing of Claims

This listing of claims replaces all prior versions and listings of claims in this application.

Claim 1 (canceled)

Claim 2 (currently amended): The apparatus of claim 13, further comprising a substrate wherein
said ~~thermochromic substance~~ layer is carried on said substrate, and
said substrate is disposed with respect to said at least one exterior surface so as to place said ~~thermochromic substance~~ thermochromic coating composition in thermal communication with at least a portion thereof.

Claim 3 (currently amended): The apparatus of claim 2 ~~further comprising~~ wherein
said warning indicia message is carried on said substrate, and wherein
said ~~thermochromic substance~~ layer of thermochromic coating composition is carried on said substrate so as to cover said indicia message, wherein said thermochromic ~~substance~~ coating composition is normally substantially opaque at room temperature so as to substantially obscure said indicia message and turns transparent in response to said heat from said at least one exterior surface so as to expose said indicia message.

Claim 4 (currently amended): The apparatus of claim 3 wherein said substrate is transparent, and said ~~thermochromic substance~~ layer of thermochromic coating composition and said indicia message are carried on the underside of said substrate, whereby said substrate provides a protective covering for said thermochromic ~~substance~~ coating composition and indicia message.

Claim 5 (currently amended): The apparatus of claim 4 wherein said thermochromic ~~substance~~ coating composition forms a layer on the underside of said substrate, said ~~indicia~~ message is applied to the underside of said layer, and

said substrate with said ~~thermochromic~~ layer of thermochromic coating composition and ~~indicia~~ message are adhered in position at said at least one exterior surface with the undersides thereof directed toward said at least one exterior surface.

Claim 6 (withdrawn): The apparatus of claim 2 further comprising warning indicia carried on said substrate, and wherein

said indicia are formed of said thermochromic substance, and said thermochromic substance is normally transparent at room temperature and turns substantially opaque in response to said heat from said at least one exterior surface so as to expose said indicia.

Claim 7 (withdrawn): The apparatus of claim 6 wherein said substrate is transparent, and said indicia formed of said thermochromic substance are carried on the underside of said substrate.

Claim 8 (currently amended): The apparatus of claim 13 further comprising a thermal moderator disposed between said ~~thermochromic substance~~ layer of thermochromic coating composition and said at least one exterior surface, whereby said thermochromic substance coating composition is in thermal communication with said at least one exterior surface through said thermal moderator.

Claim 9 (currently amended): In a worklight having a housing including an interior portion for holding a light source, said housing presenting at least one exterior surface and said light source operating at a temperature raising said at least one exterior surface to a temperature that is hot to human touch during normal operation of the worklight, the improvement comprising:

a transparent protective covering disposed in a readily visible location at said at least one exterior surface;

a ~~thermochromic substance~~ layer of thermochromic coating composition disposed between said transparent protective covering and said at least one exterior surface; and

a thermal moderator disposed between said ~~thermochromic substance~~ layer of thermochromic coating composition and said at least one exterior surface;

wherein said ~~thermochromic substance~~ layer of thermochromic coating composition is in thermal communication with at least a portion of said at least one exterior surface through said thermal moderator and is formulated to undergo a conspicuous color change in response to heat from said at least one exterior surface during normal operation of said worklight, said conspicuous color change revealing an indication that said at least one exterior surface is of a temperature hot to human touch.

Claim 10 (withdrawn): The apparatus of claim 9 further comprising warning indicia formed of said thermochromic substance, wherein said thermochromic substance is normally transparent at room temperature and turns substantially opaque in response to said heat from said at least one exterior surface so as to expose said indicia.

Claim 11 (currently amended): The apparatus of claim 9 further comprising warning indicia, wherein said ~~thermochromic substance~~ layer of thermochromic coating composition is disposed so as to cover said indicia, and wherein said ~~thermochromic substance~~ layer of thermochromic coating composition is normally substantially opaque at room temperature so as to substantially obscure said indicia and turns transparent in response to said heat from said at least one exterior surface so as to expose said indicia.

Claim 12 (currently amended): The apparatus of claim 9 wherein said at least one exterior surface is formed with a recessed area sized to receive said transparent protective covering, said ~~thermochromic substance~~ layer of thermochromic coating composition, and said thermal moderator such that the outer surface of said transparent protective covering is substantially flush with said at least one exterior surface.

Claim 13 (currently amended): In a worklight having a housing including an interior portion for holding a light source, said housing presenting at least one exterior surface and said light source operating at a temperature raising said at least one exterior surface to a temperature that is hot to human touch during normal operation of the worklight, the improvement comprising:

a warning indicator providing an indication that said at least one exterior surface is of a temperature hot to human touch, said indicator comprising:

~~a thermochromic substance~~ layer of thermochromic coating composition in thermal communication with at least a portion of said at least one exterior surface, said thermochromic ~~substance~~ coating composition being formulated to undergo a conspicuous color change in response to heat from said at least one exterior surface during normal operation of said worklight, said indicator being structured and arranged to display an ~~indication~~ a warning message, when said thermochromic ~~substance~~ coating composition undergoes said conspicuous color change, that said at least one exterior surface is of a temperature hot to human touch.

Claim 14 (new): In a worklight having a housing including an interior portion for holding a halogen light source having a nominal power rating of at least 500 Watts, said housing presenting at least one exterior surface that is heated under the action of said halogen light source to a temperature that is hot to human touch during normal operation of the worklight, the improvement comprising:

a warning indicator providing an indication that said at least one exterior surface is hot to human touch, said indicator comprising:

a substantially transparent substrate;

a layer of thermochromic coating composition and a warning message, both underlying said substrate in overlapping relation with one another,

said thermochromic coating composition being formulated to undergo a conspicuous color change in response to heat from said at least one exterior surface during normal operation of said worklight, and

said thermochromic coating composition and said warning message being structured and arranged so that said warning message is not visible until said thermochromic coating composition undergoes said conspicuous color change; and
said layer of thermochromic coating composition being in thermal communication with at least a portion of said at least one exterior surface for undergoing said conspicuous color change in response to heat from said at least one exterior surface.

Claim 15 (new): The worklight of claim 14, further comprising:

a thermal moderator in contact with said portion of said at least one exterior surface, and
said layer of thermochromic coating composition and said warning message are carried on said thermal moderator whereby said thermochromic coating composition is in thermal communication with said at least one exterior surface through said thermal moderator.